

## **SPECIFICATION AMENDMENTS**

Please amend the following paragraphs as follows:

[00016] FIG. 4 is a block diagram illustrating an embodiment of Java monitoring architecture 400. According to one embodiment, Java monitoring architecture (JMA) 400 may include monitor service 402 to establish a connection between one or more managed bean servers (or simply, bean servers) 404-408 and the rest of JMA 400 (e.g., monitor viewer 410). Monitor viewer 410 may include a Graphical User Interface (GUI)-based monitor viewer or a monitor browser. In one embodiment, the GUI is a "Swing-based" GUI. A Swing-based GUI refers to a GUI that is based on the Swing API provided by any of the Java 2 Enterprise Edition Specifications, for example, v1.3, published on July 27, 2001 (hereinafter the J2EE Standard). Monitor service [[202]] **402** may include a number of components including monitor servers and interfaces.

[00022] JMA 500 may be distributed across the three levels of the JMX architecture including a distributed services level, an agent level, and an instrumentation level. The instrumentation level may include, for example, monitor and runtime beans 516, 518. The agent level may include, for example, bean server 512. The distributed services level may include, for example, various applications [[540]] **504**, 508, adaptors, and connectors.

[00032] FIG. 6 illustrates an embodiment of tree node 530 of a monitor tree **of Java monitoring system or architecture (JMA) 600**. According to one embodiment, a hierarchical monitor tree (e.g., monitor tree 514, shown in FIG. 5) may be created to provide a grouping of monitoring agents (e.g., monitor bean 516) and resources 526 associated with the monitoring agents, to provide a more manageable monitoring architecture. Although the monitoring agents and their corresponding resources may be grouped in a monitor tree, they are individually represented as tree nodes, and provide individual reporting of each of the resources, releasing the module developer from programmatically reporting the monitoring data to a central location.